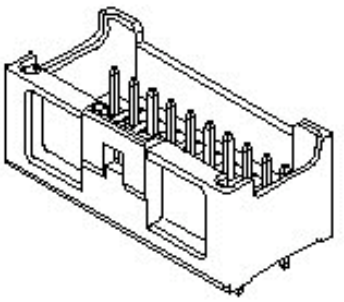
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Part Number: 0559172830
Status: Active
Overview: microclasp
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 28 Circuits, without PCB Locator



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51353-003 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	PCB Headers
Series	55917
Application	Wire-to-Board
Overview	microclasp
Product Name	MicroClasp™

Physical

Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.126 In
PC Tail Length (mm)	3.20 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Material Info

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
55917Series

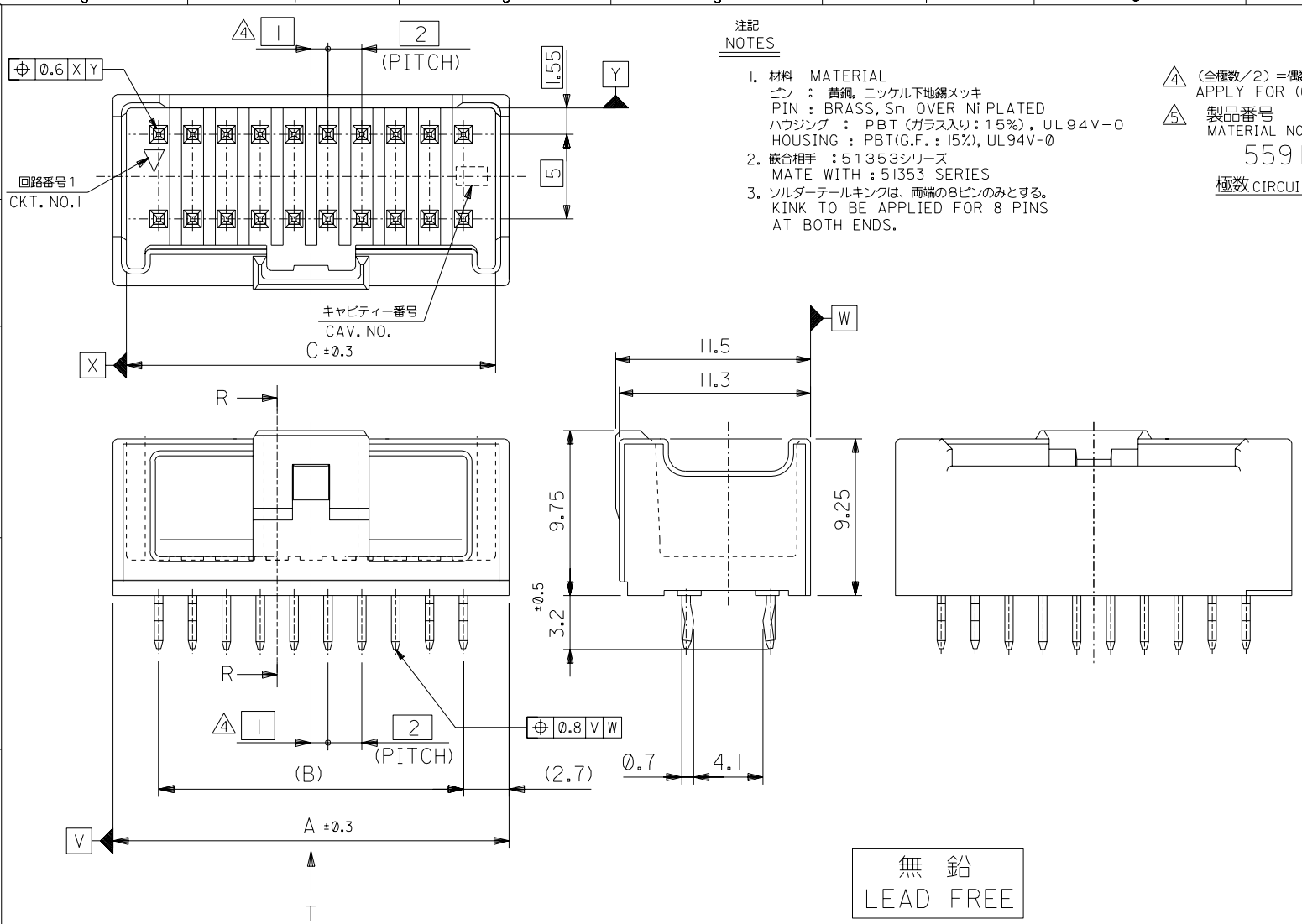
Mates With
51353 MicroClasp™ Wire-to-Board Receptacle Housing

Reference - Drawing Numbers

Packaging Specification	SPK-55917-001
Product Specification	PS-51353-003, RPS-501844-001, RPS-51353-008, RPS-51353-009, RPS-51353-014, RPS-51353-016, RPS-51353-018, RPS-51353-019, RPS-51353-020, RPS-51353-024, RPS-51353-025, RPS-51353-026, RPS-51353-030
Sales Drawing	SD-55917-005

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注記
NOTES

1. 材料 MATERIAL
   ピン : 黄銅、ニッケル下地錫メッキ
   PIN : BRASS, Sn OVER Ni PLATED
   ハウジング : PBT (ガラス入り:15%), UL94V-0
   HOUSING : PBT(G.F.:15%), UL94V-0
2. 嵌合相手 :51353シリーズ
   MATE WITH :51353 SERIES
3. ソルダーテールキンクは、両端の8ピンのみとする。
   KINK TO BE APPLIED FOR 8 PINS AT BOTH ENDS.

4 (全極数/2) =偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN

5 製品番号
MATERIAL NO.
55917-**3*
極数 CIRCUIT SIZE
色 COLOR

ナチュラル (白) NATURAL(WHITE)	0
黒 BLACK	1
赤 RED	2
黄 YELLOW	3
青 BLUE	4
桃 PINK	5
緑 GREEN	6
茶 BROWN	7
橙 ORANGE	8
紫 VIOLET	9

41.8	38	43.4	55917-403*	40
39.8	36	41.4	-383*	38
37.8	34	39.4	-363*	36
35.8	32	37.4	-343*	34
33.8	30	35.4	-323*	32
31.8	28	33.4	-303*	30
29.8	26	31.4	-283*	28
27.8	24	29.4	-263*	26
25.8	22	27.4	-243*	24
23.8	20	25.4	-223*	22
21.8	18	23.4	-203*	20
19.8	16	21.4	-183*	18
17.8	14	19.4	-163*	16
15.8	12	17.4	-143*	14
13.8	10	15.4	-123*	12
11.8	8	13.4	-103*	10
9.8	6	11.4	55917-083*	8
C	B	A	4 MATERIAL NO.	CKT.

無 鉛
LEAD FREE

DO NOT SCALE DRAWING

REV	DESCRIPTION	DRWN	CH'K	APPR
C	REVISED 注03NO. J20003-3290	N.ITO '03/06/26	K.ASAKAWA	T.YAMAGUCHI
B	REVISED 注02NO. J20003-3134	N.ITO '03/06/19	K.ASAKAWA	T.YAMAGUCHI
A	REVISED 注01NO. J20002-2307	N.ITO '02/03/18	K.ASAKAWA	T.YAMAGUCHI
0	RELEASED 注00NO. J20002-1826	N.ITO '02/02/28	K.ASAKAWA	T.YAMAGUCHI

MATERIAL 材料: 注記参照 SEE NOTES
FINISH 仕上げ
WIRE RANGE 適用電線範囲
INS. RANGE 被覆外径

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

55917-**3*

SCALE —/— DESIGN UNITS ☒mm ☐INCH
MODEL NO. 注記 THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT REV 注記 REVISE ON CAD ONLY

DRAWN BY & DATE N.ITO '02/02/28
CHECKED BY & DATE K.ASAKAWA '03/06/26
APPROVED BY & DATE T.YAMAGUCHI '03/06/26
CAD FILENAME 55917005.S01

TITLE:
2.0mm W-to-B DUAL CONN DIP
PLUG HOUSING ASS'Y ST (WITHOUT BOSS)

MOLEX INCORPORATED

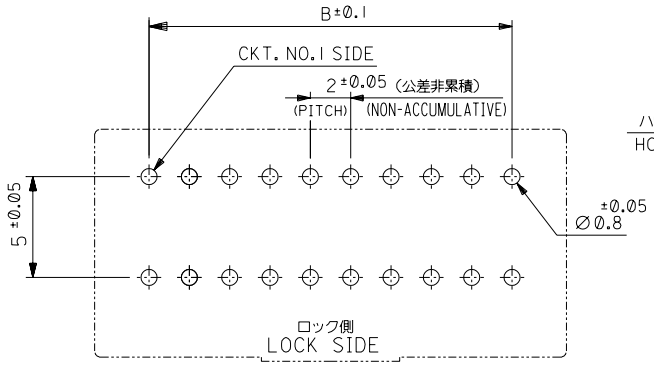
MATERIAL NO. SEE CHART
DRAWING NO. SD-55917-005
SHEET NO. 1 OF 2

注記 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SIZE B

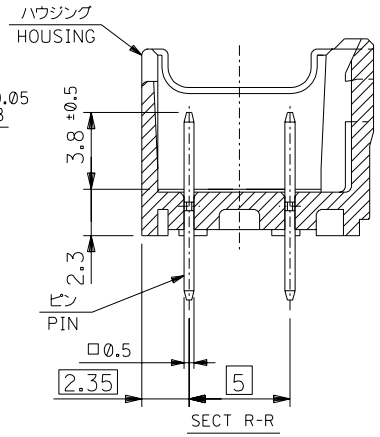
EN-02J(097) MXJ-54

55917005.S01

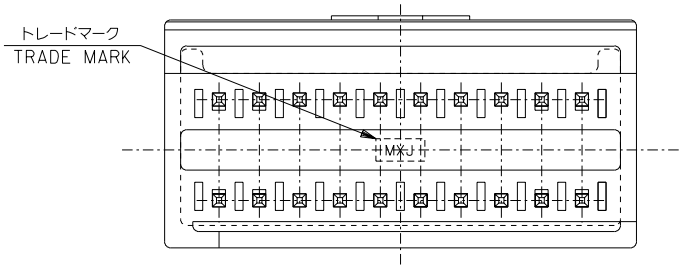


基板取付穴推奨寸法（マウント面）

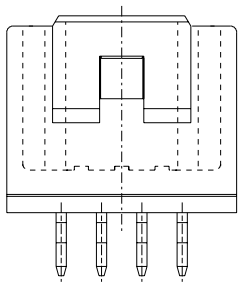
RECOMMENDED P.C.BOARD HOLE DIMENSION (MOUNTING SIDE) (t =1.2,1.6)



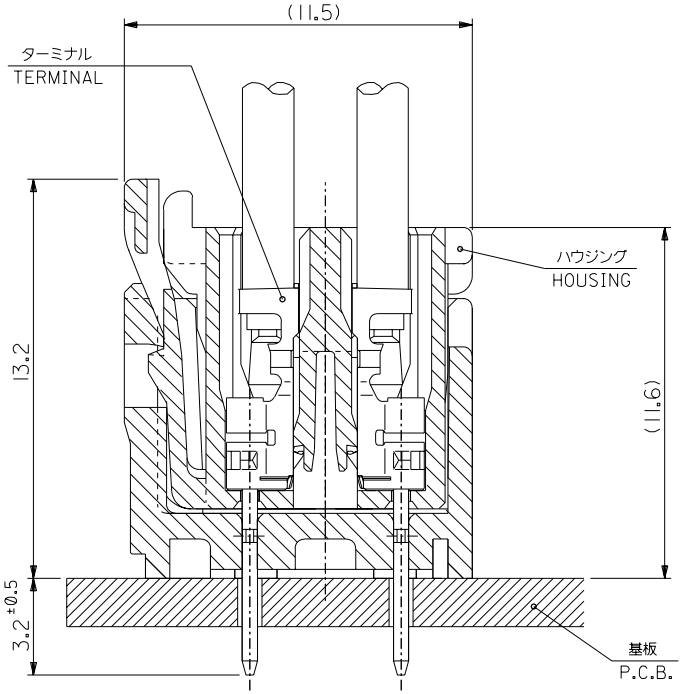
SECT R-R



VIEW "T"



8 CIRCUIT



嵌合断面図（参考）

MATED DRAWING (REF.)

無 鉛
LEAD FREE

REV	DESCRIPTION	DWG NO.
C	REVISED 注83 NO. J2003-3290 DRWN: N.ITO '03/06/26 CH'K: K.ASAKAWA APPR: T.YAMAGUCHI	
B	REVISED 注82 NO. J2003-3134 DRWN: N.ITO '03/06/19 CH'K: K.ASAKAWA APPR: T.YAMAGUCHI	
A	REVISED 注81 NO. J2002-2307 DRWN: N.ITO '02/03/18 CH'K: K.ASAKAWA APPR: T.YAMAGUCHI	
0	RELEASED 注80 NO. J2002-1826 DRWN: N.ITO '02/02/28 CH'K: K.ASAKAWA APPR: T.YAMAGUCHI	

DO NOT SCALE DRAWING

DWG. NO. SD-55917-005

MATERIAL 材料: 注記参照 SEE NOTES

FINISH 仕上げ: //

WIRE RANGE 適用電線範囲: //

INS. RANGE 被覆外径: //

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

55917-**3*

SCALE 4:1 | DESIGN UNITS ☒mm ☐INCH | MODEL NO. | DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY | SHT | REV

注82 THIRD ANGLE PROJECTION | 注82 REVISE ON CAD ONLY

DRAWN BY & DATE: N.ITO '02/02/28

CHECKED BY & DATE: K.ASAKAWA '03/06/26

APPROVED BY & DATE: T.YAMAGUCHI '03/06/26

TITLE: 2.0mm W-†-B DUAL CONN DIP PLUG HOUSING ASS'Y ST (WITHOUT BOSS)

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CAD FILENAME: 55917005.S02

MATERIAL NO.: SEE CHART

DRAWING NO.: SD-55917-005

SHEET NO.: 2 OF 2

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SIZE B

55917005.S02

EN-02J(097) MXJ-54